

**DART**

DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. DSI 9290	REV. A SHEET 1 OF 1
DATE 04.12.16		TITLE -011/-021 BEARPAW ON LOW GEAR NTS	
A	04.12.16	NEW ISSUE	

## **DART SERVICE INSTRUCTION**

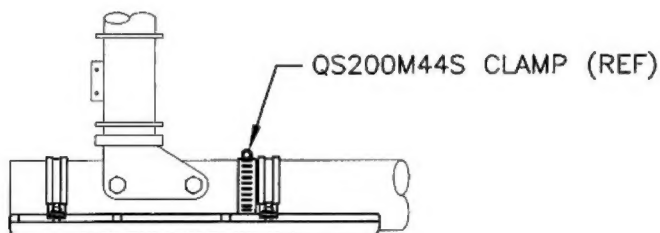
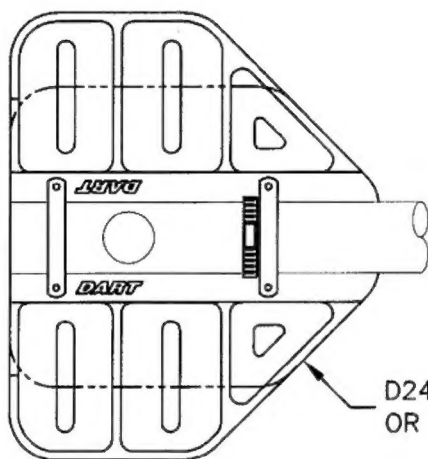
TO AMEND INSTALLATION INSTRUCTIONS IIN-D500-572 REV. A

REF. CANADIAN STC: SH90-17

REF. US FAA STC: SH849NE

**PURPOSE:** Installation instructions IIN-D500-572 Rev. A does not show the installation of the D500-572-011/-021 Bearpaw Installation on aircraft equipped with low gear.

To install the D500-572-011/-021 Bearpaw Installation on aircraft equipped with low gear, it is necessary to install the bearpaw with one bearpaw clamp placed forward of the aft saddle (as shown below). Install the bearpaw using the hardware shown in IIN-D500-572 Rev. A. Note that the QS200M44S clamp is still necessary to prevent the bearpaw from slipping off the aft end of the skidtube.



### **WEIGHT AND BALANCE**

The weight & balance of the D500-572-011/-021 when installed on low gear is as follows:

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D500-572-011 Bearpaw Installation on Low Gear	8.5 lb 3.86 kg	0.0 in 0.0 m	0.0 lb-kG 0.0 m-kG	122 in 3.10 m	1037 in-lb 11.97 m-kG
D500-572-021 Narrow Bearpaw Installation on Low Gear	7.5 lb 3.41 kg	0.0 in 0.0 m	0.0 lb-kG 0.0 m-kG	122 in 3.10 m	915 in-lb 10.57 m-kG

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

### **APPROVED**

BY: *D. Shepherd*  
D. SHEPHERD (DE # 02)

DATE: 04.12.16  
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